Guess Paper

Computer Science 12th

Important Questions for Objective & Subjective Parts

1. What are different types of database models? Explain with the help of diagrams?
2. Discuss advantages and disadvantages of a Database System?
3. What are a field, record and file? Also explain that how data is handled in a file management system?
4. What are views? Also discuss their uses?
5. Define the term user? Explain the role of data and database administrator?
6. What are indexes? What is their usage in FMS & DBMS?
7. What are the different steps involved in analysis stage while designing a database?
8. Explain the database design process with the help of an example?
9. What are the components of conceptual/logical database design?
10. Discuss the components of a physical database design?
11. Define the terms Synonyms, Homonyms, Redundant Information and mutually exclusive data?
12. Define Normalization and different steps involved in it?
13. Explain the procedure for creating a new database in MS-Access?
14. What is MS-Access IDE? Explain different views of a table in MS-Access?
15. How tables are created in Design View? Write stepwise procedure? Also explain the different date types available in MS-Access?
16. What is a Primary Key? How it is marked?

17. What are relationship and join? Also discuss referential integrity?
18. How to create a Query using Design View?
19. Write down the procedure of creating form using wizard?
20. How to add list and combo boxes on a form?
21. What is Report? Discuss its different types and their uses?
22. What is the basic structure of a C Program?
23. Explain the debugging features of Turbo C++?
24. What are programming errors? Discuss its different types?
25. What is a variable? Also write down the rules for naming a variable?
26. What is a constant? Discuss its different types?
27. Discuss different Numeric data types used in C language?
28. Discuss different floating point used in C language?
29. What are logical expressions? Discuss its different operators?
30. What is Increment and Decrement operator? Explain with the help of examples?
31. What is an Output statement? Explain the printf () function of C language?
32. What are getch () and getche () functions?
33. What is conditional or Ternary Operator? Explain with the help of examples?
34. What is a switch statement? Explain with the help of examples?
35. What is do-while loop? Explain with the help of example and flowchart?
36. What is goto statement? Explain with the help of example?
37. What is an array? Explain with the help of example?
38. What are local and global variables?
39. How to open and close a file using C language? Also discuss its different file opening modes?

40. How to read from and write character to a file using C language?
41. What is fgets () function? Explain with the help of an example?
42. How to read from and write to formatted data in a file using C language?
43. How to open a file using C language? Also discuss its different file opening modes?
44. Show the output displayed by the program when the data entered are 10 and 15?
45. Write a program that converts Fahrenheit temperature to Celsius (centigrade temperature)?
46. Swapping the values of two variables?
47. Calculate area and perimeter of a triangle (input three sides)?
48. Rewrite the program of vowels given in example using if statement?
49. Perform arithmetic operations using if-else-if?
50. Perform arithmetic operations using switch?
51. Get a Number from user and find it square, cube or square root on user choice switch statement?
52. Print and find the sum of 10 numbers which are multiple of 5 (5+10+15+…….) using for loop?
53. Print the table of any number using for loop?
54. Print the table of any number using while loop?
55. Print the table using do-while loop?
56. Print the factorial of a number using do-while loop?
57. Input and Output of an array using scanf ()?
58. Input array elements and calculate sum?
59. Write a program that gets two points (x1, y1) and (x2, y2). Displays the distance between them using distance formula in a function?
60 Perform using arithmetic operation using functions?
61 Program of Factorial using Function?
62 Calculate GCD of two Numbers through function?
63 Write a program that merges the contents of two text files?
64 Write a program that counts the total number of characters in a file?
65 Write a program that counts the total number of words in a file?